

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	16	375/260.ccls. and (pilot adj2 track\$3) near3 (channel\$1 or carrier\$1 or frequenc\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/17 17:19
L2	6	370/208.ccls. and (pilot adj2 track\$3) near3 (channel\$1 or carrier\$1 or frequenc\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/17 17:19
L3	1	455/130.ccls. and (pilot adj2 track\$3) near3 (channel\$1 or carrier\$1 or frequenc\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/17 17:19

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S119	332	pilot near3 mask\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 09:26
S120	4	S119 and (mask\$3 same (sub adj2 (channel\$3 or carrier\$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 09:27
S121	345	(mask\$3 same (sub adj2 (channel\$3 or carrier\$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 08:21
S122	4	S121 and (("pn" or pilot) near3 mask\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 08:21
S123	0	S121 and (("pn" ) near3 mask\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 08:21
S124	45	(mask\$3 near3 (sub adj2 (channel\$3 or carrier\$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 08:21
S125	3	S119 and (pilot near3 (sub adj2 (channel\$3 or carrier\$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 08:45
S126	5	S119 and ((sub adj2 (channel\$3 or carrier\$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 08:48
S127	16	(pilot near3 track\$3) same mask\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 08:47

## EAST Search History

S12 8	2	S127 and ((sub adj2 (channel\$3 or carrier\$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 08:49
S12 9	108	pilot adj2 mask\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 08:49
S13 0	5	S129 and ((sub adj2 (channel\$3 or carrier\$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 08:49
S13 1	30	S129 and (((channel\$3 or carrier\$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 08:58
S13 2	2	"6345377".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 12:31
S13 3	1	"6345377".pn. and mask\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 08:58
S13 4	115	mask\$3 same ((using or usable or available or open or free) near3 pilot)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 09:21
S13 5	2	S134 and (pilot adj2 track\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 09:21
S13 6	5	S134 and (pilot near3 track\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 09:21
S13 7	402	"pn" near3 mask\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 09:31

## EAST Search History

S13 8	0	S137 and (mask\$3 same (sub adj2 (channel\$3 or carrier\$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 09:27
S13 9	9	S137 and ((sub adj2 (channel\$3 or carrier\$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 09:27
S14 0	2	((long adj2 code) or "pn") near3 mask\$3 same (sub adj2 (channel\$1 or carrier\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 09:34
S14 1	45	mask\$3 near3 (sub adj2 (channel\$1 or carrier\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 11:16
S14 2	10146	synchroni\$6 same mask\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 11:35
S14 3	2	S142 and (mask\$3 near3 (sub adj2 (channel\$1 or carrier\$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 11:22
S14 4	2	S142 and ((pilot near3 track\$3) and (sub adj2 (channel\$1 or carrier\$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 11:21
S14 5	8078	synchroni\$6 and spur	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 11:21
S14 6	13	S145 and (pilot near3 track\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 13:38
S14 7	1	S146 and (mask\$3 and (sub adj2 (channel\$1 or carrier\$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 11:22

## EAST Search History

S14 8	45	mask\$3 near3 (sub adj2 (channel\$1 or carrier\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 13:22
S14 9	774334	S148 amd synchroni\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 11:35
S15 0	25	S148 and synchroni\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 11:35
S15 1	10809	(pilot near3 (detect\$3 or track\$3) )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 13:56
S15 2	28	S151 and (mask\$3 near3 pilot)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 11:50
S15 3	3	S152 and (pilot\$3 near3 (sub adj2 (channel\$1 or carrier\$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 11:51
S15 4	2	S151 and (mask\$3 near3 (sub adj2 (channel\$1 or carrier\$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 12:07
S15 5	8	S151 and (null\$3 near3 (sub adj2 (channel\$1 or carrier\$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 12:09
S15 6	2	S151 and (flag\$1 near3 (sub adj2 (channel\$1 or carrier\$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 12:10
S15 7	1	S151 and viterbi adj2 mask\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 12:10

## EAST Search History

S15 8	5	viterbi adj2 mask\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 12:11
S15 9	11	viterbi near3 mask\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 13:11
S16 0	52	usable near3 (sub adj2 (channel\$1 or carrier\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 13:15
S16 1	1	(cod\$3 adj2 mask\$3) near3 (sub adj2 (channel\$1 or carrier\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 12:47
S16 2	3296	(cod\$3 adj2 mask\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 12:47
S16 3	10	(cod\$3 adj2 mask\$3) near3 pilot	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 13:57
S16 4	2	"6459404".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 13:06
S16 5	2	"20020041635"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 13:07
S16 6	1	S142 and (viterbi near3 mask\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 13:13
S16 7	1	(viterbi near3 mask\$3) same (sub adj2 (channel\$1 or carrier\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 13:14

## EAST Search History

S16 8	344	( mask\$3) same (sub adj2 (channel\$1 or carrier\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 13:15
S16 9	564	(usable or available or "ok" or good) near3 (sub adj2 (channel\$1 or carrier\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 15:44
S17 0	29	S169 and (pilot near3 (detect\$3 or track\$3) )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 13:19
S17 1	6	S170 and mask\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 13:19
S17 2	19	S169 and ( mask\$3 near3 (sub adj2 (channel\$1 or carrier\$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 13:31
S17 3	2	spur near3 (sub adj2 (channel\$1 or carrier\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 13:31
S17 4	57	S142 and (pilot near3 track\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 13:41
S17 5	1	(pilot near3 track\$3) same ((punctur\$3 or erasur\$5 or mask\$3) near3 (sub adj2 (channel\$1 or carrier\$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 13:42
S17 6	8	(pilot ) same ((punctur\$3 or erasur\$5 or mask\$3) near3 (sub adj2 (channel\$1 or carrier\$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 13:42
S17 7	97	(pilot near3 (detect\$3 or track\$3)) same (sub adj2 (channel\$1 or carrier\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 14:41

## EAST Search History

S17 8	3	S177 and (mask\$3 near3 pilot)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 13:57
S17 9	4	S177 and (mask\$3 )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 13:57
S18 0	6	pilot same flag same (sub adj2 (channel\$1 or carrier\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 14:45
S18 1	6	pilot\$1 same flag\$1 same (sub adj2 (channel\$1 or carrier\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 14:46
S18 2	2	((pilot\$1 adj2 (track\$3 or detect\$3)) with flag\$1) same (sub adj2 (channel\$1 or carrier\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 14:46
S18. 3	9	((pilot\$1 adj2 (track\$3 or detect\$3)) with flag\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 14:47
S18 4	3	((pilot\$1 adj2 track\$3) with flag\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 14:48
S18 5	1107	(pilot\$1 adj2 track\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 14:54
S18 6	0	S145 and (flag\$1 near3 (sub adj2 (channe\$1 or carrier\$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 14:49
S18 7	0	S185 and (flag\$1 near3 (sub adj2 (channe\$1 or carrier\$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 14:49



## EAST Search History

S18 8	2	S185 and (flag\$1 same (sub adj2 (channe\$1 or carrier\$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 14:55
S18 9	7	S185 and (flag\$1 and (sub adj2 (channe\$1 or carrier\$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 15:43
S19 0	1060	(flag\$1 near3 (sub adj2 (channe\$1 or carrier\$1) or frequenc\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 15:52
S19 1	111	S190 and ((usable or available or "ok" or good) near3 (sub adj2 (channel\$1 or carrier\$1) or frequenc\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 15:56
S19 2	9	S191 and (pilot\$1 near3 (channel\$1 or carrier\$1 or frequenc\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 15:49
S19 3	117	flag\$1 near3 pilot\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 16:28
S19 4	23	S193 and (pilot\$1 near3 (channel\$1 or carrier\$1 or frequenc\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 15:49
S19 5	2	S194 and ((flag\$1 near3 (sub adj2 (channe\$1 or carrier\$1) or (frequenc\$3))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 15:53
S19 6	8	flag near3 ((usable or available or "ok" or good) near3 (sub adj2 (channel\$1 or carrier\$1) or frequenc\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 16:19
S19 7	74	flag same ((usable or available or "ok" or good) near3 (sub adj2 (channel\$1 or carrier\$1) or frequenc\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 16:01

## EAST Search History

S19 8	342	flag with pilot\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 16:02
S19 9	5	S197 and (flag with pilot\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 16:03
S20 0	0	S197 and (flag near3 pilot\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 16:13
S20 1	117	(flag\$1 near3 pilot\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 16:30
S20 2	117	(flag\$1 or (fill adj2 pattern\$1)) near3 pilot\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 16:04
S20 3	3	S202 and ((flag\$1 or (fill adj2 pattern\$1)) near3 ((sub adj2 (channel\$1 or carrier\$1)) or (frequenc\$3)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 16:14
S20 4	2	S202 and (flag\$1 near3 ((usable or available or "ok" or good) near3 (sub adj2 (channel\$1 or carrier\$1)) or frequenc\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 16:08
S20 5	0	S202 and ((fill adj2 pattern\$1) near3 ((usable or available or "ok" or good) near3 (sub adj2 (channel\$1 or carrier\$1)) or frequenc\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 16:08
S20 6	56	S202 and ((fill adj2 pattern\$1) near3 (sub adj2 (channel\$1 or carrier\$1)) or frequenc\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 16:12
S20 7	2198870	((fill adj2 pattern\$1) near3 (sub adj2 (channel\$1 or carrier\$1)) or frequenc\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 16:12

## EAST Search History

S20 8	47	S207 and (flag near3 pilot\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 16:13
S20 9	8393	S207 and (((sub adj2 (channel\$1 or carrier\$1)) or (frequenc\$3)) near3 pilot\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 16:14
S21 0	14	S208 and (((sub adj2 (channel\$1 or carrier\$1)) or (frequenc\$3)) near3 pilot\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 16:14
S21 1	1	flag near3 ((usable or available or "ok" or good) near3 (sub adj2 (channel\$1 or carrier\$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 16:20
S21 2	1	flag\$1 near3 ((usable or available or "ok" or good) near3 (sub adj2 (channel\$1 or carrier\$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 16:20
S21 3	16	pilot\$1 near3 ((usable or available or "ok" or good) near3 (sub adj2 (channel\$1 or carrier\$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 16:27
S21 4	1	S201 and S213	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 16:21
S21 5	2	S198 and (pilot\$1 near3 ((usable or available or "ok" or good) near3 (sub adj2 (channel\$1 or carrier\$1))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 16:28
S21 6	6	S193 and (sub adj2 (channel\$1 or carrier\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 16:30
S21 7	2390	(synchroni\$6 near3 flag\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 16:30

## EAST Search History

S21 8	0	S217 and (flag\$1 near3 pilot\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 16:31
S21 9	9	S217 and (flag\$1 same pilot\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/16 16:31
S22 0	0	indicat\$3 near3 ((usable or good or useful) near3 ("sub-channel\$1" or "sub-carrier\$1"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/17 12:49
S22 1	0	indicat\$3 same ((usable or good or useful) near3 ("sub-channel\$1" or "sub-carrier\$1"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/17 12:49
S22 2	0	detect\$3 same ((usable or good or useful) near3 ("sub-channel\$1" or "sub-carrier\$1"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/17 12:49
S22 3	3918793	detect\$3 nera3 ((usable or good or useful) near3 (sub adj2 (channel\$1 or carrier\$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/17 12:49
S22 4	4	detect\$3 near3 ((usable or good or useful) near3 (sub adj2 (channel\$1 or carrier\$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/17 13:17
S22 5	8	pilot near3 ((usable or good or useful) near3 (sub adj2 (channel\$1 or carrier\$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/17 14:28
S22 6	0	flag near3 ((usable or good or useful) near3 (sub adj2 (channel\$1 or carrier\$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/17 12:57
S22 7	0	flag\$1 near3 ((usable or good or useful) near3 (sub adj2 (channel\$1 or carrier\$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/17 12:58

## EAST Search History

S22 8	55	flag\$1 near3 ((sub adj2 (channel\$1 or carrier\$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/17 13:15
S22 9	18	pilot same ((usable or good or useful) near3 (sub adj2 (channel\$1 or carrier\$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/17 13:10
S23 0	2	S228 and S229	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/17 13:10
S23 1	248	flag\$1 same ((sub adj2 (channel\$1 or carrier\$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/17 13:11
S23 2	2	S229 and S231	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/17 13:11
S23 3	2	S228 and (pilot adj2 track\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/17 13:13
S23 4	1088	(pilot adj2 track\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/17 13:16
S23 5	2	S234 and (flag\$1 near3 ((sub adj2 (channel\$1 or carrier\$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/17 13:13
S23 6	2	S234 and (flag\$1 same ((sub adj2 (channel\$1 or carrier\$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/17 13:14
S23 7	0	S234 and (detect\$3 near3 ((usable or good or useful) near3 (sub adj2 (channel\$1 or carrier\$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/17 13:15

## EAST Search History

S23 8	2	S231 and S234	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/17 13:15
S23 9	45	mask\$3 near3 ((sub adj2 (channel\$1 or carrier\$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/17 13:32
S24 0	1	S234 and S239	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/17 13:16
S24 1	3135	(pilot near3 track\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/17 13:26
S24 2	1088	S234 and S241	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/17 13:16
S24 3	1	S239 and S241	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/17 13:16
S24 4	3	S231 and S241	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/17 13:17
S24 5	2	S228 and S241	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/17 13:17
S24 6	9	S241 and ((usable or good or useful) near3 (sub adj2 (channel\$1 or carrier\$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/17 13:27
S24 7	200	(pilot adj2 track\$3) near3 (channel\$1 or carrier\$1 or frequenc\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/17 13:27

## EAST Search History

S24 8	13	S247 and flag\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/17 13:21
S24 9	1	S247 and (flag\$1 near3 (channel\$1 or carrier\$1 or frequenc\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/17 13:21
S25 0	774	(pilot near3 track\$3) near3 (channel\$1 or carrier\$1 or frequenc\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/17 13:21
S25 1	2	S250 and (flag\$1 near3 (channel\$1 or carrier\$1 or frequenc\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/17 13:43
S25 2	68	ofdm and (pilot adj2 track\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/17 14:25
S25 3	1	S239 and S252	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/17 13:26
S25 4	790	ofdm and (mask\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/17 13:42
S25 5	175	S254 and ((pilot ) near3 (channel\$1 or carrier\$1 or frequenc\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/17 13:27
S25 6	3	S255 and ((usable or good or useful) near3 (sub adj2 (channel\$1 or carrier\$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/17 14:26
S25 7	12	S254 and (mask\$3 near3 ((sub adj2 (channel\$1 or carrier\$1))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/17 13:32

## EAST Search History

S25 8	237	ofdm same (mask\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/17 13:42
S25 9	1	S257 and (flag\$1 near3 (channel\$1 or carrier\$1 or frequenc\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/17 13:43
S26 0	1690	mask\$3 near3 flag\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/17 13:50
S26 1	3	S260 and ofdm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/17 13:47
S26 2	3	((pilot near3 mask\$3) same flag\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/17 13:48
S26 3	0	ofdm same (pilot near3 mask\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/17 13:48
S26 4	4	ofdm and (pilot near3 mask\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/17 13:49
S26 5	48	ofdm and (pilot same mask\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/17 13:49
S26 6	1007234	41a nd S265	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/17 13:49
S26 7	1	S260 and S265	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/17 13:49



## EAST Search History

S26 8	22	mask\$3 near3 flag\$1 near3 (channel\$1 or carrier\$1 or frequenc\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/17 13:51
S26 9	0	S268 and ofdm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/17 13:51
S27 0	42	ofdm same (pilot adj2 track\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/17 14:26
S27 1	1	S270 and (pilot with flag\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/17 14:26
S27 2	5	S270 and ((usable or good or useful) near3 (sub adj2 (channel\$1 or carrier\$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/17 14:26
S27 3	4	S270 and (pilot near3 ((usable or good or useful) near3 (sub adj2 (channel\$1 or carrier\$1))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/17 14:29
S27 4	5	S270 and ((usable or good or useful) near3 (sub adj2 (channel\$1 or carrier\$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/17 14:30
S27 5	137	((usable or good ) near3 (sub adj2 (channel\$1 or carrier\$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/17 14:30
S27 6	68	S275 and ofdm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/17 14:30